

**VPL-EX145**

An energy-efficient 3100 Lumen XGA projector

The core strengths of Sony's E-Series projectors are performance, convenience and economy. The VPL-EX145 delivers these with exceptional image quality at a low cost of ownership.

Sony's next generation inorganic panels (BrightEra) and 3LCD projector system deliver higher picture quality, substantially brighter images, higher efficiency, better contrast, consistent colour stability - not to mention longer durability and usability.

The 1.3 – 1.82 throw ratio and 1.3 times optical zoom allows the VPL-EX145 to be installed in a wide range of environments and, where possible, can even re-use existing ceiling suspensions.

A long lamp life, (up to 6000 hours) and synchronised lamp and filter change means a reduction in maintenance costs and gives you exceptionally low levels of down-time.

With a single push of the New ECO MODE button on the projector itself, (or the supplied Remote Commander™), users can switch simply to the eco settings. The VPL-EX145 has three brightness modes (High, Standard and Low) allowing the user to control the brightness and power consumption of the projector to suit the environment and conditions they are in.

Sony has unrivalled experience in projector design and manufacture for the home, business, education and in the cinema. Simple to maintain and with direct controls for all power modes, the E-series range of projectors from Sony are picture-perfect choice for smart boardrooms and classrooms.

**PrimeSupport**

All Sony education and business projectors come supplied with a Prime Support pack which offers unique extra services and benefits:

- 3 years' cover
- 1 Year Lamp or 1000 hours cover

- Free telephone helpdesk support in English, German, French, Italian and Spanish.
- Collection and delivery anywhere in EU, Norway and Switzerland.

## **Features**

**Eco Mode Key**

Users can easily select power-saving Eco Modes. The most energy-efficient mode is accessible through a single button-push, and further adjustments are available through an easily-understood menu system.

**Front Exhaust**

With a front exhaust system, users sitting behind the projector are not affected by expelled hot air and fan noise.

**Easy to operate control panel layout**

The VPL-EX145's control panel is on top of the device for easy operation, with large, easy-to-locate controls.

**Built-in upward beam angle and keystone adjustment**

Normally, the front angle of a projector has to be adjusted to raise the beam to the screen. In the VPL-EX145, this initial adjustment is built-in and includes a corresponding keystone adjustment, saving two setup stages.

**Automatic Keystone Adjustment**

The projector can detect keystone distortion and can correct it automatically. (Note that since this is an electronic correction, it will reduce the picture quality slightly).

**Smart APA (Auto Pixel Alignment)**

When a computer is used as a picture source, APA automatically optimises Phase, Pitch and Shift values. These can also be adjusted manually.

**Auto Input Search**

Auto Input Search detects which input has an incoming signal, and automatically switches to it. This makes it easier for users to set up the projector prior to making a presentation.

### Picture Muting

If the picture needs to be turned off, all it takes is a single button-press on the remote control. This will mute audio at the same time. There is also a separate "mute audio" button for audio-only muting.

### Audio switcher facility

To avoid the need for a separate audio switcher, the projector can be used to select between two audio sources, routing them via a variable audio output to the room amplification system.

### Picture Freeze Function

Picture Freeze is useful during presentations if you need to look at other material on your PC's screen without the viewing audience being aware. Freeze the current image, and you can use your PC independently of the display from the projector

### Digital Zoom

With Digital Zoom, if you are displaying a computer-sourced image, you can enlarge a selected area of the screen image by up to four times.

### Filter replaced at the same time as lamp

The filter only needs to be changed when a new lamp is fitted, potentially halving disruption due to maintenance.

### Multiple Picture Modes

The VPL-EX145 has six picture modes (Dynamic, Standard, Game, Living, Cinema and Presentation) that can be selected to suite the nature of the source material.

### Built-in security measures

The VPL-EX145 has a package of security measures, including password protection, and physical anti-theft anchor points.

### Off and Go

At the end of a presentation, you can turn off the power supply to the projector immediately, instead of going through a "power down" cycle.

### Direct Power On/Off

With this function, there is no need to go through "Standby" mode when powering up the projector. The projector can be set to activate as soon as power is applied.

## Technical Specifications

<b>Display</b>	
Brightness - Modes High / Standard / Low	3100 / 2500 /2000
Contrast	4 000:1
Native resolution	XGA (1024x768)
Panel size	0.63" BrightEra panels
Technology	3 x LCD

<b>Optical</b>	
Autofocus	No
Keystone correction	V: +/- 30°, H: -
Lens Shift	-
Optical Zoom	1,3 manual
Screen size (diagonal)	76 - 762 cm
Throw ratio	1.4 - 1.82:1

<b>Inputs</b>	
3D Sync	-
5 BNC	-
Components	1
Composite	-
DVI-D	-
Ethernet RJ45	Yes
HDMI	-
RS232C / CTRL S	1 / -
Sub-D15	2
S-Video	1
USB File Viewer	-

Wireless LAN	-
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<b>Outputs</b>	
12V trigger	-
Audio Output	1
Direct power	Yes
Monitor out	1
Off and Go	Yes
Speakers	1 x 10W Mono

<b>Compatibility</b>	
Compatibility HDTV / DTV	Yes
Compatibility MAC / PC	Yes

<b>General characteristics</b>	
Back adjustable feet	Front / Back
Cleaning filter	6000 hours
Dimensions - WxHxD mm	313,4 x 114,1 x 269
Lamp life - High / Medium / Low	3000 / 4500 / 6000 h
Lamp reference	LMP-E211
Lamp type	210W UHP
Noise lever - High/Low mode	39dB / 36db / 32dB
Speakers	-
Weight	3,3 kg

<b>Accessories</b>	
3D glasses	-
3D transmitter	-
Carrying case	No

Installation ceiling	PAM-200
Optional lenses	No
Remote control	RM-PJ7
Security : Kensington / Password / Bar	-